



# Crops & Weather

National Agricultural Statistics Service  
Minnesota Field Office

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In Cooperation with the Minnesota Department of Agriculture, National Weather Service – Chanhassen MN,  
Univ. of Minn. Extension Service, DNR State Climatology Office, USDA-FSA, USDA-NRCS, and Local FACs

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Wet conditions in Minnesota continued to hamper field work for the week ending June 9, 2013 according to the USDA, National Agricultural Statistics Service. There were just 2.6 days rated suitable for fieldwork statewide. Statewide average temperatures were 6.6 degrees below normal. The Central District showed the greatest deviation from normal temperatures at 8.1 degrees below normal.

Topsoil moisture supplies increased to 0 percent very short, 1 percent short, 60 percent adequate, and 39 percent surplus. Subsoil moisture supplies also increased to 1 percent very short, 7 percent short, 70 percent adequate and 22 percent surplus.

Corn planting only advanced 3 percentage points to 90 percent, remaining behind last year's 100 percent and the five year average of 99 percent. Corn emergence increased 13 percentage points to 78 percent, remaining behind last year's 100 percent and the average of 95 percent. The statewide average corn height was 3 inches tall, compared to 13 inches last year, and the average of 7 inches. Corn condition decreased to 2 percent very poor, 6 percent poor, 37 percent fair, 50 percent good, and 5 percent excellent. Despite the wet conditions, soybean planting advanced 17 percentage points to 72 percent planted, behind last year's 99 percent and the average of 95 percent. Soybean emergence also moved along to 38 percent emerged, compared with last week's 18 percent, last year's 92 percent and the average of 78 percent. Planting of barley, oats, and spring wheat all advanced 3 percentage points. Oat emergence advanced 12 percentage points which was the most progress of the small grains. Alfalfa hay first cutting has gotten off to a slow start with a total of 7 percent complete.

Pasture condition improved to 63 percent good to excellent, compared with 59 percent the previous week.

## Soil Moisture Levels as of June 9, 2013

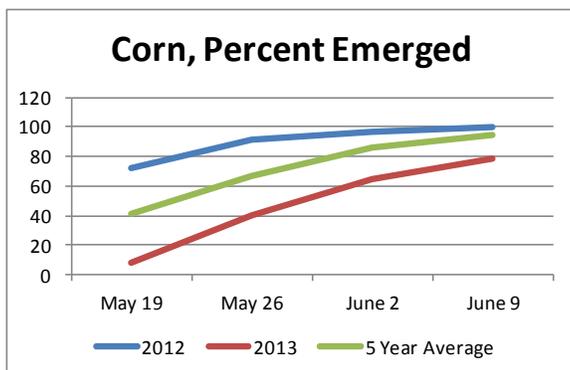
	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil Moisture .....	0	1	60	39
Subsoil Moisture .....	1	7	70	22

## Crop Condition as of June 9, 2013

	Very Poor	Poor	Fair	Good	Exc
	Percent	Percent	Percent	Percent	Percent
Pasture .....	2	7	28	50	13
Oats .....	0	5	24	61	10
Barley .....	2	9	42	44	3
Spring Wheat .....	3	7	36	48	6
Corn .....	2	6	37	50	5

## Crop Progress as of June 10, 2013

	This Week	Last Week	Last Year	5 Yr Avg
Days Suitable for Fieldwork	2.60	2.20	5.50	4.60
	Percent	Percent	Percent	Percent
Oats planted .....	92	89	100	100
Oats emerged .....	81	69	100	96
Oats jointed.....	10	6	84	48
Spring Wheat planted .....	95	92	100	99
Spring Wheat emerged .....	84	75	100	94
Barley planted .....	89	86	100	99
Barley emerged .....	78	69	100	95
Corn, land prepared .....	94	91	100	100
Corn planted .....	90	87	100	99
Corn emerged .....	78	65	100	95
Corn height in inches.....	3	NA	13	7
Soybeans, land prepared .....	79	67	100	98
Soybeans planted .....	72	55	99	95
Soybeans emerged .....	38	18	92	78
Potatoes planted .....	92	87	100	99
Sweet Corn planted .....	52	29	68	70
Green Peas planted .....	88	84	100	97
Canola planted .....	54	37	100	96
Sunflowers planted .....	75	56	99	91
Dry Beans planted .....	75	44	96	89
Dry Beans emerged .....	16	NA	81	NA
Alfalfa first cutting .....	7	2	76	52



The following links provide further weather-related information and maps for Minnesota:

Minnesota Climatology Working Group provides statewide precipitation maps for the previous week:  
<http://climate.umn.edu/doc/weekmap.asp>

National Weather Service's Minnesota Data:  
<http://www.noaa.gov/view/states.php?state=MN>

## Precipitation and Temperature Summary for 6/3/2013 through 6/9/2013

	Temperature				Precipitation				G D D	
	High	Low	Week Average	Depart from Norm	Week Total	Depart From Normal			Since 05/16	Depart From Norm
						Past Week	Four Weeks	Since 4/1		
<b>NORTHWEST DISTRICT</b>										
Crookston	75	42	59	-3.3	0.65	-0.25	1.2	-0.14	275	-13
Itasca	M	M	M	M	M	M	-.10M	.23M	179M	-58M
Moorhead	74	45	59.4	-4.5	1.03	0.12	4.95	4.98	299	-19
Pembina, ND	74	35	58	-2.4	0.21	-0.74	2.43	1.98	233	-22
Warroad	73	38	54.6	-5.1	0.05	-0.94	-0.45	-1.69M	185	-54
<b>NORTH CENTRAL DISTRICT</b>										
Grand Rapids	73	34	52.8	-8.2	0.88	-0.08	0.09	-0.28	211	-51
Intl. Falls	74	30	51.8	-6.8	0.21	-0.66	2.32	2.29	213	-14
<b>NORTH EAST DISTRICT</b>										
Duluth	71	37	53.4	-4.3	1.06	0.11	1.27	2.75	160	-47
Grand Marais	60	31	47.7	-3.7	0.18	-0.63	0.47	4.42	91	-32
Hibbing	74	30	51.8	-5.3	0.75	-0.13	0.42	-0.52	215	14
<b>WEST CENTRAL DISTRICT</b>										
Alexandria	68	43	56.1	-6.9	1.32	0.41	1.65	0.18	217	-82
Breckenridge	73	43	58.4	-5.3	0.69	-0.17	1.27M	.40M	265M	-51M
Browns Valley	73	41	58.2	-5.5	1.13	0.3	2.18M	1.45M	249M	-64M
Canby	70	42	57.1	-8.2	1.68	0.78	2.67	3.11M	259	-81
Montevideo	70	41	57.6	-7.3	1.17	0.22	1.43	1.88	266	-67
Morris	69	42	56.6	-7.4	1.27	0.39	0.61	-1.02	238	-79
Wheaton	72	43	57.8	-6.5	0.67	-0.22	0.58	-0.98	254	-67
<b>CENTRAL DISTRICT</b>										
Becker	70	46	57.2	-7.1	1.23	0.24	-0.27	-1.33	256	-77
Collegeville	67	46	55.6	-9.6	1.83	0.74	2.87	2.91	233	-111
Hutchinson	72	45	57.4	-7.9	0.94	-0.12	1.22	1.91	255	-84
Melrose	69	41	55.4	-7.7	1.32	0.37	2.28	1.17	229	-73
Olivia	71	46	56.7	-8.4	1.02	0	-0.64	-0.79	248	-89
St. Cloud	70	40	55.2	-8.1	1.9	0.95	3.41	3.06	225	-79
Wadena	M	M	M	M	M	M	1.23M	-.20M	173M	-90M
Willmar	68	42	57	-8.3	1.11	-0.01	0.35	-0.73	240	-102
<b>EAST CENTRAL DISTRICT</b>										
Aitkin	73	33	54	-6.4	0.89	-0.09	1.02	2.64	220	-33
Forest Lake	71	46	56.8	-8.2	0.83	-0.18	1.25	1.89	274	-58
MSP Airport	72	51	60	-6.2	0.71	-0.26	2.76	4.98	302	-56
Mora	72	40	54.7	-7.7	1.98	1.04	2.15	.72M	235	-53
St. Paul - UofM	70	47	57.8	-7.2	0.43	-0.58	3.1	5.08	257	-75
<b>SOUTH WEST DISTRICT</b>										
Lamberton	74	43	58.2	-7.7	0.99	0.05	-0.06	1.01	277	-74
Marshall	73	44	58	-7.7	1.5	0.62	0.29	.21M	276	-71
Pipestone	72	42	56.6	-7.7	2.39	1.42	1.34	-.04M	267	-58
Redwood Falls	71	46	59.6	-6.6	0.84	-0.14	-0.92	-1.58	280	-79
Sioux Falls	73	42	57.8	-7.4	2.51	1.59	4.48	5.03	287	-50
<b>SOUTH CENTRAL DISTRICT</b>										
Worthington	72	43	57.3	-7.8	1.95	0.83	1.77	3.17M	269	-65
North Mankato	71	46	58.9	-6.8	0.55	-0.59	0.15	1.38	281	-68
Owatonna	69	44	58	-7.4	0.78	-0.27	1.32	5.43	259	-81
Waseca	71	46	58.2	-8.1	0.87	-0.21	1.32	5.06	258	-100
Winnebago	71	49	59.1	-7	0.78	-0.28	0.77	3.08	279	-76
Cannon Falls	69	40	57.3	-7.3	0.72	-0.3	4.26	6.23M	261	-60
<b>SOUTH EAST DISTRICT</b>										
La Crosse	74	46	59.9	-6.9	1.18	0.21	4.61	7.71	320	-49
Preston	70	38	57.6	-6.6	0.64	-0.54	3.66	9.65M	275	-39
Red Wing	74	33	57.3	-7.9	0.16	-0.8	-0.59	3.79	289	-52
Rochester	70	43	58.5	-6.8	0.7	-0.34	5.51	11.6	262	-76
Rosemount	71	46	57.2	-7.7	0.61	-0.48	0.96	2.64M	253	-77
Winona Dam	73	46	57.6	-7.3	0.68	-0.25	4.39	9.67	276	-50

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

Data in this summary are courtesy of National Weather Service Offices and Cooperators, and the University of Minnesota Agricultural Experiment Station. This summary is prepared by the Minnesota Extension Service Agricultural Meteorologist and the Department of Natural Resources State Climatology Office.

URL://climate.umn.edu